

## ABSTRACT

A laboratory device design particularly for a multiplate format that includes a plate or tray having a plurality of utilitarian discontinuities such as reaction chambers or wells, wherein at least two of the discontinuities have different functionalities. In a preferred embodiment, the device is a multiwell plate or tray that meets SBS dimensional standards guidelines and is therefore automation compatible. In one embodiment, the device is a multiwell plate or tray that has a modular design, wherein removable inserts with different functionalities can be placed in a base. The particular inserts chosen depend on the desired sample preparation or assay to be carried out.